

CLAIMS

1. Haymaking machine, particularly for windrowing forage, comprising a frame (1) carrying at least one pair of windrowing rotors (11) that can be driven in rotation about substantially vertical supporting axes (13), which rotors (11) are connected to carrying arms (7 to 10) which are situated substantially in one and the same plane perpendicular to the direction of travel (A), the one on the right and the other on the left of the frame (1) and which are articulated on said frame (1) by means of axes of articulation (21 to 24) about which they can be moved from a working position, in which they are substantially horizontal, to a transport position, in which they are substantially vertical, and vice-versa, by means of hydraulic jacks (25 to 28), **characterized in** that the carrying arms (7 to 10) of at least one pair of rotors (11) comprise latching means (38) which connect them together and lock them with regard to one another in said transport position.
2. Machine as claimed in claim 1, **characterized in** that the latching means (38) consist of a latch (39) articulated on one of the carrying arms (7 to 10) and a stop (40) placed on the other carrying arm (7 to 10).
3. Machine as claimed in claim 2, **characterized in** that it comprises means of guiding (45, 48) the latch (39) such that it can automatically hook onto the stop (40).
4. Machine as claimed in any one of the preceding claims, **characterized in** that the latching means (38) are distant from the beam (2) of the frame (1).

5. Machine as claimed in claim 4, **characterized in** that the latching means (38) are situated on the carrying arms (7 to 10) at a distance (D) from their axes of articulation (21 to 24) on the frame (1) which is at least equal to half the length of said carrying arms (7 to 10) in transport position.
6. Machine as claimed in any one of the preceding claims, **characterized in** that the latching means (38) are situated in the vicinity of the ends of the hydraulic jacks (25 to 28) that are connected to the carrying arms (7 to 10).
7. Machine as claimed in any one of the preceding claims, **characterized in** that the latch (39) can be released automatically from the stop (40) by means of the hydraulic jack (26) moving the carrying arm (8) which is fitted with the stop (40).
8. Machine as claimed in claim 7, **characterized in** that the hydraulic jack (26) comprises an actuating finger (46).
9. Machine as claimed in any one of the preceding claims, **characterized in** that the frame (1) comprises abutments (49, 50) distant from the latching means (38) and stopping the carrying arms (7 to 10) when they reach the transport position.
10. Machine as claimed in claim 9, **characterized in** that the abutments (49, 50) are situated between the axes of articulation (21 to 24) of the carrying arms (7 to 10) and the latching means (38), when the carrying arms (7, 10) are in the transport position.

11. Machine as claimed in claim 9 or 10, **characterized in** that the abutments (49, 50) comprise elastic ends.
- 5 12. Machine as claimed in any one of the preceding claims, **characterized in** that it comprises means (52) of immobilizing the carrying arms (7 to 10) in the transport position, which immobilizing means (52) are distant from the latching means
10 (38).
13. Machine as claimed in claim 12, **characterized in** that the immobilizing means (52) are situated at the upper ends of the carrying arms (7 to 10) in
15 transport position.
14. Machine as claimed in claim 12 or 13, **characterized in** that the immobilizing means (52) consist of a stop (53) secured to one of the
20 carrying arms (7 to 10) of each pair of rotors (11) and of a lug (55) with a V-shaped notch (56) which is secured to the other carrying arm (7 to 10) of each pair of rotors (11).
- 25 15. Machine as claimed in claim 14, **characterized in** that the stop (53) is situated in the bottom of the notch (56) when the carrying arms (7 to 10) are in transport position.